CLAIMS

1. An outboard motor lift assembly for shallow draft boats being operated in shallow water in which it may encounter sub surface impediments in the course of the boat's travels, comprising;

a plate, said plate secured to the transom of the boat;

a pair of upper links, said links tied together by an upper cross bar;

a pair of lower links, said lower links tied together by a lower cross bar;

a bracket assembly on said plate, one end of said upper links and said lower links secured in said bracket assembly;

a motor mount, said motor mount having a bracket assembly thereon, and the other end of said upper links and said lower links being rotatably mounted in said bracket assembly on said motor mount;

a motor selectively secured to said motor mount; said motor being automatically raised in a vertical path in response to contact with an underwater impediment.

2. The outboard motor lift of Claim 1, having a manual lift assembly, said manual lift assembly including a lift bar, said lift bar disposed in contact with said lower links, and a handle, said handle moveable within the boat to raise and lower said lift bar against said lower links to thereby manually raise and lower said motor in a vertical plane, and a rachet, said rachet being selectively engageable to establish a predetermined position of said motor.

3. The outboard motor lift of Claim 1, having a block, said block being positioned on said plate in the plane of said lower link, said block being contacted by said lower link to establish the initial depth of said motor in the water.

4. The outboard motor lift of Claim 1, wherein at least one spring is provided, said spring being tensioned between said plate and said lower links so as to assist in lifting said motor.

5. The outboard motor lift of Claim 1, wherein springs are tensioned between said plate and said linkage to normally bias said motor upwardly relative to the boat.

6. An outboard motor lift assembly for use in selectively raising an outboard motor relative to a shallow draft boat when the boat is running in shallow water and automatically lifting the motor when encountering sub surface impediments in the course of the boat's travel comprising:

a plate, said plate secured to the transom of the boat;

a motor mount, said motor mount disposed in space relation to said plate and having an outboard motor removably secured thereto;

linkage interconnecting said plate and said motor mount, said linkage adapted to cause said motor to be raised automatically in a vertical direction upon encountering impediments during the course of movement of the boat;

a manual lift mechanism, said lift mechanism being fully operable within the boat; said lift mechanism including a handle, and a lift bar, said lift bar linked to said handle, and in contact with said linkage such that downward movement of said handle causes the motor to be lifted,.

7. The outboard motor lift of Claim 6, wherein springs are tensioned between said plate and said linkage to normally bias said motor upwardly relative to the boat.

8. The outboard motor lift of Claim 6, where said linkage comprises a pair of upper links, said upper links being interconnected with one another;

a pair of lower links, said lower links being interconnected to one another;

said upper links and said lower links being rotatably secured to and between said plate and said motor mount so as to permit movement of said motor in a vertical direction relative to the boat.

9. The outboard motor lift of Claim 6, wherein said lift mechanism includes a ratchet, said handle being selectively engageable with said ratchet so as to position the motor along a vertical path at various levels relative to the boat.

10. The outboard motor lift of Claim 6, having a block, said block being positioned on said plate in the plane of said lower link, said block being contacted by said lower link to establish the initial depth of said motor in the water.